5/20

PF 05.01.17

| DART AEROSPACE LTD | Work Order: | 23043 |
|------------------------------|--------------|-------------|
| Description: Panel | Part Number: | D3330-1 |
| Dwg: D3330 Rev. A PAGES 2, 3 | Qty: | 1615 |
| Ref: RF 05.01.17 | | Page 1 of 1 |

| Step | Location | Procedure | Ву | Date | Qty |
|------|----------|--|-----|-----------|------|
| 1 | DC | Issue Traveler | 93) | 05.04.15 | 10 |
| 2 | PG | Issue P/O: <u>1007473</u> Email or Ship DXF file to vendor Laser Cut flat pattern per Dwg D3330 | 1 | | |
| | | Possible Supplier: Industrial Laser Material release note is required | 111 | 08.04.20 | 19 |
| 3 | RG | Receive and Inspect for transit damage Enure material release note is attached | CL | 05.04.20 | 16 |
| 4 | QC6 | Inspect dimensions as per Dwg D3330 or D3330-ITI TEMPLATE | 1 | 05/05/25 | /5 |
| 5 | GA | Deburr | CPL | 05/05/25 | 15 |
| 6 | GB | Form as per Dwg D3330 | CPL | 05/05/26 | 15 |
| 7 | QC5 | Inspect work to Step 6 | 17 | 05/05/20 | , 15 |
| 8 | ST | Identify and Stock | CPL | 05/05/26 | 15 |
| 9 | AC | Cost / part: 15.09 | 595 | aJ-25-3 / | 15 |
| 10 | DC | Close W/O バック Inspect Level 21 | dr | 05,06.03 | 15 |

| Rev | Date | Change | Revised By | Approved |
|-----|----------|-----------|------------|-------------|
| Α | 05.01.13 | New issue | KJ/JLM < | Sell |
| | | | | |



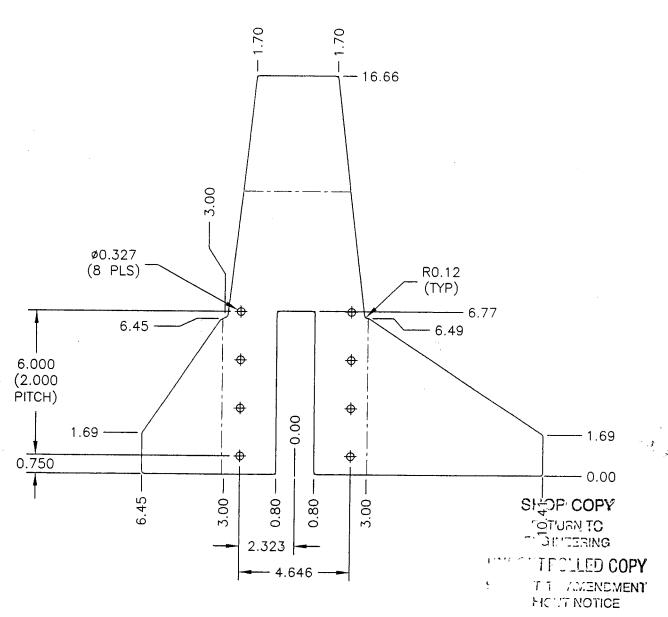
Dart Aerospace Ltd

| W/O: | | | WO | RK ORDER CHANGE | S | | , | | |
|---------|---------------|---------------------------------------|--------------------|--|-------------|--------------------|-----|---------------------------------|--------------------------|
| DATE | STEP | PR | OCEDURE CHAN | IGE | Ву | Date | Qty | Approval Mfg / Design Mgr | Approval QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | W00W0000 | | 105 (1105 | | | | |
| NCR: | | | WORK ORDE | R NON-CONFORMA | • | .) | | | , |
| DATE | STEP | Description of NC Section A | Initial Design Mgr | Corrective Action Section Action Description Design Mgr | Sign & Date | Verific Section | | Approval Ap Design Mgr QC | Approval QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | The same and the s | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Part No |); | PAR #: | _ Fault Category | v: NCR: | Yes No | DQA: | | Date: | |
| NOTE: D | ate & initial | all entries | | | QA: N/C CI | osed: | | Date: | <u> </u> |

H:\forms\Quality Assurance\approved forms\NCRWO revC



| 0.5000 | | | |
|----------|----------|--------------------------------|--------------|
| DESIGN | DRAWN BY | DART AEROS HAWKESBURY, ONTA | |
| CHECKED | APPROVED | DRAWING NO. | REV. B |
| | | D3330 | SHEET 2 OF 9 |
| DATE | | TITLE | SCALE |
| 05.02.26 | | FRAME WELDMENT | 1:4 |



D3330-1 PANEL

WOTK ORDER NO. 28043

NOTES:

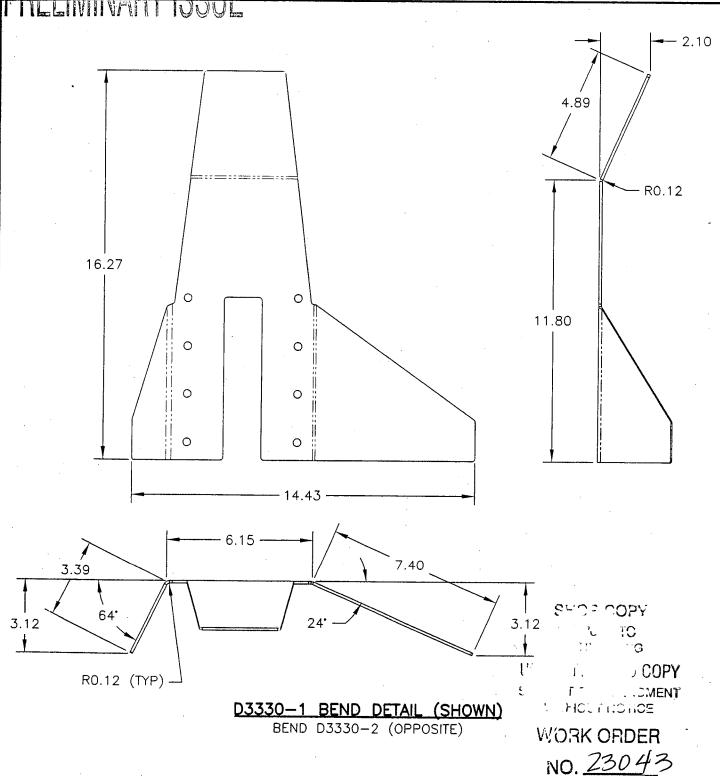
- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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DESIGN BY DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA CHECKED APPROVED DRAWING NO. REV. B D3330 SHEET 3 OF 9 DATE TITLE SCALE 05.02.26 FRAME WELDMENT



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Job Costing Report

Dart Aerospace Ltd. Hawkesbury

Apr 12, 2005 02:25 pm

Work Order No : 0023043 Department Code:

Project Name : D3330-1 Project For : WK520 Burden Flags : NNNNNN

WO Status : Open Work Order Type : Main

Invoice State : Not Invoiced Main WO Number :

Invoice Date : House Part Number : D3330-1 Invoice Number : Description .: Panel

Invoice Amount : 0.00 Manufactured : Yes

10 Amount Req'd:

Amount Done : 0
Start Date : 04-12-05 Order Entry No : OE Value : 0.00

Est Finish Date : 05-15-05 Est Mark Up : 0.000% Actual Mark Up : 0.000% Act Finish Date

Drawings Regd : No Ok for Approval :

Approval Rec'd : \$0 Posted to Finished Goods

| | | Estimated | Actual | Var. % | Posted | To Post |
|---------------------------------------|-----------------------|--------------|------------------------|--------------|--------|---------|
| Material Cost Engineering Hours | = = : : | 0.00 0.00 | 0.00 | 0.00 0.00 | 0.00 | 0.00 |
| Engineering Cost Production Hours | : | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Production Cost Packaging Hours | : | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Packaging Cost | : | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OverHead Hours OverHead Cost | : | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CNC Hours | : | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Misc. Hours Misc. | : | 0.00 0.00 | 0.00 0.00 | 0.00 0.00 | 0.00 | 0.00 |
| Burden | : | 0.00 | 0.00 | 0.00 | | |
| Total Cost Mark up Selling Cost | : | 0.00 | 0.00 0.000 0.000 | 0.00 | | |

| | | Estimated | Actual |
|------------------------|---|-----------|--------|
| Labour Hrs/Amount Done | : | 0.00 | 0.00 |
| Profits/(Loss) | : | 0.00 | 0.00 |



BHP New Zeatand Steel Limited Glenbrook, South Auchtand Postal: Printer Bag 92121, Aucklent, New Zeatand Telephones: (09) 3758 999 Auckland (09) 2258 069 Webika Fax: (09) 1758 959 Telez: 24956

TEST CERTIFICATE

Ret 985/2301

| CUSTOMER | Wilkinso | ilkinson POOBLIMEOOI | | | | | | | | SPEC | IFICA | TION | A: | STMA | 1569 | | | - | | | CERTIFIC | ATE No | TC027066 | | | |
|--------------|-----------|----------------------|------|----|---|------|--------|-----|--------|-------|-------|------|---------|------|------|------------------------------------|-------|--------|----------|-----------|-------------|--------------|----------|------------|------------------|-------------|
| CUSTOMER O/N | 90-31N-06 | 7 | | | | | | | | | | PRO | PRODUCT | | | PRODUCT HOT ROLLED PICKLED & OILED | | | ED | | | PAGE 1 of 1 | | 1 of 1 | | |
| MILL O/ | 256321 | | | | | | | | | | | DIME | NSIOI | 18 | 0. | 119" | × 48" | < Coil | | · - | ···· | | DATE | | 22 November 2000 | |
| | | | | | (| CHEM | ICAL (| OMP | OSITIO | N PER | CENT | | | | | | | ME | CHANICAL | TESTS (TE | ST SPECIFIC | CATION - | ASTMA: | 370 | |) |
| PACK NUMBER | HEAT No | C | Si | Mn | Р | s | Cu | Ni | Cr | Мо | ٧ | Nb | 77 | Al | В | 142 | CE() | BEND | YIELD | T.S. | %ELONG | HARDNESS | , | LENGTH | | |
| | | | x100 | | | | | | x10 | 000 | | | | | x10 | 0000 | x100 | 180° | | | G.L.= | 1 | () | (feet) | | |
| HP-720792-00 | 602612 | 6 | TR | 21 | 9 | 18 | 12 | 18 | 22 | 4 | 6 | 1 | | | | T | | Good | | | | | <u> </u> | 820 | | |
| HP-720793-00 | 602612 | 6 | TR | 21 | 9 | 18 | 12 | 18 | 22 | 4 | 6 | 1 | Ì | | l | 1 | İ | Good | Ì | Ì | İ | i | ĺ | 1 | | |
| HP-720794-00 | 602612 | 6 | TR | 21 | 9 | 18 | 12 | 18 | 22 | 4 | 6 | 1 | ļ | | 1 | 1 | ŀ | Good | | | | | l | 827 | | |
| HP-720795-00 | 602612 | 6 | TR | 21 | 9 | 18 | 12 | 18 | 22 | 4 | 6 | Ιı | 1 |] | ł | 1 | } | Good | | |] | 1 | İ | 817 | | |
| HP-720796-00 | 602612 | 6 | TR | 21 | 9 | 18 | 12 | 18 | 22 | 4 | 6 | 1 | | 1 | l | 1 | | Good | | 1 | | | | 830 | | |
| HP-720797-00 | 602612 | 6 | TR | 21 | 9 | 18 | 12 | 18 | 22 | 4 | 6 | | l | | | | | Good | | İ | 1 | | | 807 810 | | |

11 GA

| YIELD (A)=0.2% PROOF STRESS (B)=LOWER YIELD STRESS | GAUGE LEN (A)=200mm (B)=50mm | GTH (G.L.) (C)=80mm (D)=5.65 √ So | PLASTIC 5 (A)=r0 (B)=r90 | TRAIN RATIO (r) (C)=r45 (D)=(r0+r90+2r45) / 4 | IMPACT TEST (A)×10mm x 10mm (B)=7.5mm x | (C)=5mm x 5mm (D)=2.5mm x | CARBON EQUIVALENT VALUE (CE) (A)=C+Mn/B (B)=C+Mn/B+(Cr+V+Mo)/5+(Cu+Ni)/15 | (C)=C+Mn/6+Si/24 (D)= |
|--|------------------------------------|---|------------------------------------|---|---|------------------------------|---|--------------------------|
| | | | · | | <u> </u> | () | (e) a mad (en a moho) (ed alaih 12 | (0)- |

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND INSPECTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE SPECIFICATION

APPROVED Satish Misra